

Scientists Involved with Environmental Aspects of PPCPs

(please direct all corrections and additions to daughton.christian@epa.gov)

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The following tool can be used to quickly locate information located on any university web site: <http://www.google.com/options/universities.html>

| Last Name | First Name | Address | Telephone | Fax | e-mail web site | research interests |
|-----------|------------|--|------------------------|-----------------|---|---|
| Adams | Craig D. | Director, Environmental Research Center, Dept. Civil, Architectural & Environmental Engineering, University of Missouri - Rolla, 220 Civil Engineering Bldg, Rolla, MO 65409 | 573-341-4041 | 573-341-4729 | adams@umr.edu www.umr.edu/~environ | chemistry and control of antibiotics and EDCs in drinking water and wastewater treatment; stopped flow, LC/MS, and GC/MS |
| Ahel | Marijan | Center for Marine and Environmental Research, Rudjer Boskovic Institute, Bijenicka 54, P.O. Box 180, HR-10002, Zagreb, CROATIA | +385-1-4561042 | +385-1-4680 242 | ahel@rudjer.irb.hr | |
| Alder | Alfredo C. | Swiss Federal Institute for Environmental Science and Technology (EAWAG) and Swiss Federal Institute of Technology (ETH), CH-8600 Dübendorf, Switzerland | +41 1 823 5478 | +41 1 823 5028 | alfredo.alder@eawag.ch | antibiotics, pharmaceuticals, analytical chemistry, wastewater treatment, surface waters, fate and behavior |
| Alvarez | Dave | Research Chemist, U.S. Geological Survey, Columbia Environmental Research Center, 4200 New Haven Rd., Columbia, MO 65201 | 573-441-2970 | 573-876-1896 | dalvarez@usgs.gov | environmental contaminants, emerging contaminants, methods development, hydrophobic chemicals, hydrophilic chemicals, air sampling, POCIS, PPCPs, fate studies, integrative sampling |
| Armbrust | Kevin L. | Assistant Professor Univ. of Georgia - CAES Griffin Campus, 1109 Experiment Street, Griffin, GA 30223-1797 | 770-228-7214 | 770-412-4734 | armbrust@gaes.griffin.peachnet.edu | EPA STAR grant: "The Environmental Occurrence, Fate and Ecotoxicity of Selective Serotonin Reuptake Inhibitors (SSRIs) in Aquatic Environments" |
| Balk | Froukje | HASKONING Consulting Engineers and Architects Barbarossastraat 35 6522DK Nijmegen THE NETHERLANDS | +31 24 3284559 | +31 24 3604737 | fba@haskoning.nl www.HASKONING.nl | musk fragrance ingredients, environmental risks, PBT substances |
| Blok | Han | Haskoning B.V. Consulting Engineers and Architects Barbarossastraat 35 P.O. Box 151 Nijmegen 6500 AD NETHERLANDS | +31-24-328-4284 | +31-24-360-4737 | hbl@haskoning.nl | |
| Bouwer | Herman | USDA-ARS, U.S. Water Conservation Laboratory, 4331 E. Broadway Rd., Phoenix, AZ 85040 | (602) 379-4356 x226 | (602) 379-4355 | pharner@uswcl.ars.ag.gov http://www.uswcl.ars.ag.gov | artificial recharge of groundwater, water reuse, effects of sewage irrigation on groundwater integrated water management |
| Boxall | Alistair | Central Science Laboratory, Sand Hutton, York YO41 1LZ | 01904 462000 | 01904 462111 | a.boxall@csl.gov.uk http://www.silsoe.cranfield.ac.uk/ecochemistry/staff/aboxall.htm | fate/ behavior of biocides, veterinary medicines; environmental risk assessment; bioavailability; environmental monitoring studies; toxicant identification evaluations; environmental fate modelling; use of molecular modelling techniques to predict toxicity. |

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| Boyd | Glen R. | HDR Engineering, Inc., 500 108th Ave. N.E., Suite 1200, Bellevue, WA 98004-5549 | 425-450-6391 | 425-453-7107 | glen.boyd@hdrinc.com | water and wastewater treatment; process optimization; water quality; Mississippi River; Gulf of Mexico |
| Brooks | Bryan W. | Assistant Professor, Department of Environmental Studies, Baylor University, P.O. Box 97266, Waco TX 76798-7266 | 254-710-6553 | 254-710-3409 | Bryan_Brooks@Baylor.edu | Ecotoxicology and risk assessment of steroids, anti-depressants, beta-blockers and antibiotics, and effluent-dominated and CAFO-influenced stream ecosystems. |
| Brownawell | Bruce | Associate Professor Marine Sciences Research Center, Stony Brook University, Stony Brook, NY 11794-5000 | 631-632-8658 | 631-632-8820 | bbrownawell@notes.cc.sunysb.edu | EPA STAR grant: "Occurrence and Fate of Pharmaceuticals and Personal Care Products in Groundwater Environments" |
| Brunn | Hubertus E | Staatl. Medizinal-, Lebensmittel- und Veterinäruntersuchungsamt Mittelhessen, Marburger Str. 54, D-35396, Gießen, Germany | | +49-641-300618 | Hubertus.E.Brunn@ernaehrung.uni-giessen.de | musks |
| Bumgarner | Joseph E. | Current: 1012 Plantation Drive, Cary NC, 27511 [Retired: National Exposure Research Laboratory U.S. Environmental Protection Agency Research Triangle Park, NC 27711] | 919-467-7580 | | bumjo@bellsouth.net | antibiotics, CAFOs, bacterial resistance |
| Burkhardt | Michael | Swiss Federal Institute for Environmental Science and Technology, Ueberlandstrasse 133, CH-8600 Duebendorf, Switzerland | +41-1-823 5332 | +41-1-823 5471 | michael.burkhardt@eawag.ch | Fate and transport of veterinary antibiotics in soil/water, lab/field experiments |
| Buser | Hans-Rudolf | Swiss Federal Research Station CH-8820 Wadenswil, SWITZERLAND | ++41 1 783 6286 | ++41 1 783 6439 | hans-rudolf.buser@mbox.faw.admin.ch www.admin.ch/sar/faw | environmental and analytical chemistry, pesticide chemistry, mass spectrometry |
| Butte | Werner | Department of Chemistry, University of Oldenburg, P.O. Box 2503, D-26111, Oldenburg, Germany | | +49-441-7983329 | butte@chemie.uni-oldenburg.de | musks |
| Buxton | Herb | 810 Bear Tavern Road, Ste. 206 West Trenton, NJ 08628 | (609) 771-3944 | (609) 771-3915 | hbuxton@usgs.gov http://toxics.usgs.gov http://toxics.usgs.gov/regional/contaminants.html | contaminant hydrology |
| Chapman | Timothy | Principal Scientist I Scientific Laboratory Division, New Mexico Department of Health, P.O. Box 4700, Albuquerque NM 87196-4700 | 505-841-2571 | 505-841-2543 | tchapman@state.nm.us | Pharmaceuticals in ground water and drinking water |
| Chu | Kung-Hui (Bella) | Assistant Professor, Depart. Civil Engineering, Wisenbaker Engineering, Research Center 205G, Texas A&M University College Station, Texas 77843-3136 Mail Stop3136, CE/TTI building | 979-845-1403 | 979-862-1542 | kchu@civil.tamu.edu | Biodegradation (e.g., activated sludge), fate, effects of various PPCPs (e.g., estrogens, antidepressants) |
| Cleuvers | Michael | Dept. General Biology, Aachen University of Technology, Kopernikusstraße 16, D-52056 Aachen, Germany | | +49-241-8022602 | cleuvers@bio2.rwth-aachen.de | Pharmaceuticals ecotoxicology |
| Conerly | Octavia | Office of Water U.S. Environmental Protection Agency Health & Ecological Criteria Division 1200 Pennsylvania Ave, NW MC 4304 Washington, DC 20460 | 202-260-1689 | 202-260-1036 | conerly.octavia@epa.gov | Risk assessment, drinking water, pharmaceuticals, veterinary medicinals |

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|-------------|---------------|---|------------------|------------------|--|---|
| Cunningham | Virginia | Director, Environmental Product Stewardship, Corporate Environment, Health and Safety, GlaxoSmithKline, 2200 Renaissance Blvd., Suite 105, King of Prussia, PA 19406 | 610-239-5262 | | virginia.l.cunningham@gsk.com | |
| Daughton | Christian | Chief, Environmental Chemistry Branch, Environmental Sciences Division, National Exposure Research Laboratory, U.S. EPA, 944 East Harmon Ave., Las Vegas, NV 89119 | 702-798-2207 | 702-798-2142 | daughton.christian@epa.gov http://www.epa.gov/esd/chemistry/pharma/index.htm | all issues involving PPCPs in the environment (with the exception of antibiotics) |
| Derksen | Anja | AquaSense, P.O. Box 95125, 1090 HC, Amsterdam, Kruislaan 411A, 1098 SJ | +31 20 592 22 44 | +31 20 592 22 49 | anja.derksen@aquasense.nl http://www.aquasense.nl | ecotoxicity of human and veterinary pharmaceuticals to aquatic organisms; occurrence, fate and risks |
| Dietrich | Daniel | Environmental Toxicology, Faculty of Biology, University of Konstanz; Adjunct Professor of Toxicology, Department of Environmental and Occupational Health, University of Pittsburgh and ETH Zurich, Switzerland; P.P. Box 5560-X918, Jacob-Burckhardtstr.25, D-78457 Konstanz, GERMANY | +49 7531 883518 | +49 7531 883170 | Daniel.Dietrich@uni-konstanz.de http://www.biologie.uni-konstanz.de/research/Arbeitsgruppen/Dietrich/frame.html | |
| Drewes | Joerg E. | Assistant Professor Environmental Science & Engineering Division Colorado School of Mines Golden, CO 80401-1887 U.S.A. | 303-273-3401 | 303-273-3413 | jdrewes@mines.edu http://www1.eas.asu.edu/~civil/ncsws/NCSWS.html | Water reuse, indirect potable reuse, occurrence and fate of pharmaceuticals in water reuse systems, fate of X-ray contrast media in the environment |
| Epel | David | (Jane and Marshall Steel Jr. Professor of Marine Sciences and Professor of Biological Sciences) Hopkins Marine Station of Stanford University, Pacific Grove, CA 93950 | 831-655-6226 | 831-655-6226 | depel@leland.stanford.edu | |
| Ehleringer | Jim | Department of Biology, University of Utah, 257 S 1400 E, Salt Lake City, Utah 84112-0840 | 801-581-7623 | 801-581-4665 | ehleringer@biology.utah.edu http://ecophys.biology.utah.edu/Labfolks/Ehleringer/index.html | applications of stable isotopes to forensics (including illicit drugs "sourcing") |
| Eschke | Hans-Dietrich | Ruhrverband Essen, P.O.Box 103242, D-45032, Essen, Germany | | +49-201-1782705 | hes@ruhrverband.de | musks |
| Fick | Jerker | Department of Chemistry, Environmental Chemistry, Umeå University, SE-901 87 Umeå, Sweden | +46 90 786 93 24 | +46 90 18 61 95 | jerker.fick@chem.umu.se | pharmaceuticals in the environment, environmental risk assessments, modeling and predicting fate and PBT properties |
| Fitzpatrick | Suzanne | Office of the Senior Advisor for Science Food and Drug Administration, HF-33, Room 17-35 Parklawn, 5600 Fishers Lane, Rockville MD 20857 | 301-827-4591 | 301-827-3042 | sfitzpat@oc.fda.gov | policy/regulatory issues involving toxicology. Cross cutting science issues that affect FDA (e.g., pharmaceuticals in the environment). |
| Fong | Peter P. | Department of Biology, Gettysburg College, Gettysburg, PA 17325 | (717) 337-6154 | (717) 337-6157 | pfong@gettysburg.edu | Ecology, reproduction, and neurophysiology of aquatic organisms |
| Fooken | Cornelia | Am Gonsenheimer Spieß 18, D-55122, Mainz, Germany | | +49-6131-387194 | cornelia.fooken@netart-net.de | musks |

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| Funamizu | Naoyuki | Associate Professor, Dept. Environmental Engineering, Hokkaido University, Kita-13, Nishi-8, Sapporo 060-8628, Japan | +81 11 706 6270 | +81 11 706 6270 | funamizu@eng.hokudai.ac.jp | fate of pharmaceuticals in the composting type toilet |
| Furlong | Edward T. | Methods Research and Development Program, National Water Quality Laboratory, P.O. Box 25046, Mail Stop 407, Building 95, Denver Federal Center, Denver, CO 80225-0046 | (303) 236-3941 | (303) 236-3499 | efurlong@usgs.gov http://wwwnwql.cr.usgs.gov | HPLC/MS, HPLC/MS/MS, GC/MS, antibiotics, surfactants, disinfectants, human health pharmaceuticals, veterinary health pharmaceuticals |
| Gatermann | Robert | NILU Norwegian Institute for Air Research, The Polar Environmental Centre, -9296 Tromso, NORWAY | +47-77 75 03 75 | +47-77 75 03 76 | zrg@nilu.no | |
| Geisberg | Mark | Director of Research & Development, Silver Lake Research Corporation, Monrovia, California USA | (+01) 626 359 8441 ext. 14 | (+01) 626 359 6601 | mgeisberg@silverlakeresearch.com www.silverlakeresearch.com | developer of antibodies, immunoassays, and test kits - both off-the-shelf and custom-made |
| Given | Joseph | Environmental Assessment Regulations Project, Office of Regulatory and International Affairs, Health Products and Food Branch, Health Canada, Tunney's Pasture, Ottawa Ontario, K1A 0L2 | (613) 954-0571 | (613) 941-3954 | Joseph_Given@hc-sc.gc.ca | |
| Goodbred | Steve | U.S. Geological Survey, Placer Hall, 6000 J Street, Sacramento, CA 95819-6129 | (916) 278-3097 | | goodbred@usgs.gov | |
| Graham | David W. | Associate Professor Dept. of Environmental Engineering, University of Kansas, 5007 C Learned Hall, Lawrence, Kansas 66045 | 785-864-2945 | 785-864-5379 | dwgraham@kuhub.cc.ukans.edu | EPA STAR grant: "Fate and Effects of Fluoroquinolone Antibacterial Agents in Aquatic Ecosystems" |
| Grange | Andy H. | Research Chemist, Environmental Chemistry Branch Environmental Sciences Division, National Exposure Research Laboratory, U.S. EPA, 944 East Harmon Ave. Las Vegas, NV 89119 | 702-798-2137 | 702-798-2142 | grange.andrew@epa.gov http://www.epa.gov/nerlesd1/chemistry/ecb-posters2.htm | environmental forensics using high resolution mass spectrometry for the non-target determination of PPCPs |
| Grimes | Barbara Hartley | Non-Point Source Pollution Program Coordinator of On-Site Wastewater Section, DENR, Division of Environmental Health, 1642 Mail Service Center Raleigh, NC 27699-1642 | (919) 715-0141 | (919) 715-3227 | barbara.grimes@ncmail.net | EPA 319 grant: Comparison of effects of on-site and offsite wastewater treatment on occurrence of antibiotic and hormonally active compounds, nutrients, and microbes in streams in upper Neuse River basin, NC. Interests: emerging contaminants, endocrine disrupting compounds, PPCPs |
| Hajslova | Jana | Department of Food Chemistry and Analysis, Institute of Chemical Technology, Technicka 3, CZ-16628, Praha 6, Czech Republic | | +42-02-24353185 | jana.hajslova@vscht.cz | musks |
| Halden | Rolf U. | Johns Hopkins University Center for Water and Health Johns Hopkins Bloomberg School of Public Health Department of Environmental Health Sciences 615 North Wolfe Street, Suite W6001 Baltimore, MD 21205-2103 | (410) 955-2609 | (443) 287-3560 | rhalden@jhsph.edu http://www.jhsph.edu/dept/ehs/Halden | environmental fate, behavior and biotransformation of pharmaceuticals and personal care products, with special emphasis on antimicrobials, antibiotics and other compounds promoting microbial drug resistance |

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| Halling-Sørensen | Bent | Section of Environmental Chemistry, Department of Analytical and Pharmaceutical Chemistry, The Royal Danish School of Pharmacy, Universitetsparken 2 DK 2100, Copenhagen, DENMARK | + 45 35 30 64 53 | + 45 35 30 60 13 | bhs@dfuni.dk http://www.dfh.dk/ | drugs, pesticides, ecotoxicity, degradation, sorption |
| Heberer | Thomas | Institute of Food Chemistry, Technical University of Berlin, Gustav-Meyer-Allee 25, 13355 Berlin, GERMANY | +49 (30) 314-72796 | +49 (30) 314-72823 | hebe1330@mailszrz.zrz.tu-berlin.de or: info@wasseranalytik.de www.wasseranalytik.de | sewage, surface, ground and drinking water, bank filtration, sewage sludges, sediments, fishes, drug residues, synthetic musks, pesticides, organic contaminants, monitoring, fate, mobility, persistence, sorption, natural attenuation |
| Hühnerfuss | Heinrich | Institute of Organic Chemistry, University of Hamburg, Martin-Luther-King-Platz 6, D-20146, Hamburg, Germany | | +49-40-428382893 | huehnerfuss@chemie.uni-hamburg.de | musks |
| Jensen | John | Soil Fauna and Ecotoxicology Group, Department of Terrestrial Ecology, National Environmental Research Institute, Vejlsovej 25, P.O. Box 314, DK-8600 Silkeborg, DENMARK | +45 89 20 14 00 | +45 89 20 14 13 | jje@dmu.dk http://www.dmu.dk/ | Ecotoxicology, ecological risk assessment, sewage sludge, heavy metals, organic pollutants, pharmaceuticals |
| Jones-Lepp | Tammy | Research Chemist, Environmental Chemistry Branch, Environmental Sciences Division National Exposure Research Laboratory U.S. EPA 944 East Harmon Ave. Las Vegas, NV 89119 | 702-798-2144 | 702-798-2142 | jones-lepp.tammy@epa.gov http://www.epa.gov/esd/chemistry/pharma/index.htm | PPCPs, organotins, LC/MS |
| Kallenborn | Roland | Norwegian Institute for Air Research (NILU), Dept. Tromsø, Polarmiljøsenderet, N-9005, Tromsø, Norway | + 47 63 89 82 37 | + 47 63 89 80 50 | roland.kallenborn@nilu.no http://www.nilu.no | musks |
| Kelly | Kevin | Ecological Research and Investigations, Bureau of Reclamation, Technical Service Center, Denver Federal Center, Bldg. 56/2340, P.O. Box 25007 (D-8220), Denver, CO 80225-0007 | 303-445-2017 | (303) 445-6326 | kkelly@do.usbr.gov www.usbr.gov www.usbr.gov/ecology | Xenobiotics, Endocrine Disruptors, Pharmaceuticals, Water Quality, Environmental Chemistry, Waste Water, Drinking Water, and Reservoir Ecology |
| Kibbey | Tohren C.G. | Assistant Professor Dept. of Civil Eng. and Env. Science, University of Oklahoma, 202 West Boyd, CEC Rm. 210, Norman Oklahoma 7301 | 405-325-0580 | 405-325-4217 | kibbey@ou.edu | EPA STAR grant: "The Influence of Amphiphilic Molecules on the Environment Fate and Transport of Pharmaceuticals" |
| Klaper | Rebecca | Great Lakes WATER Institute, University of Wisconsin-Milwaukee, 600 East Greenfield Avenue Milwaukee, WI 53204 | 414-382-1713 | | rklaper@uwm.edu | Fate of nonsteroidal pharmaceuticals in the freshwater environment. Effects on freshwater organisms. |
| Knacker | Thomas | ECT Oekotoxikologie GmbH, Böttgerstr.2-14, D-65439 Flörsheim a.M, GERMANY | | | th-knacker@etc.de | |
| Kolpin | Dana | USGS, 400 South Clinton St. Iowa City, IOWA 52244 | 319-358-3614 | | dwkolpin@usgs.gov http://toxics.usgs.gov/regional/emc.html | National Reconnaissance of Emerging Contaminants in the Nation's Water Resources |

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| Kretsch | Conor E. | Consultant Environmental Scientist, Moore Group Ltd, 6 Riveroaks, Claregalway, Co. Galway | +353 (0)91 798 583 +353 (0)87 9691077 (cell) | +353 (0)91 799840 | info@mooregroup.ie | Human and veterinary pharmaceuticals, personal care products, illicit drugs, environmental management, water quality, industrial wastewaters, risk assessment, ecology & ecotoxicology, public health, antimicrobial resistance |
| Kuemmerer | Klaus | Head Applied Environmental Research Section, Institute of Environmental Medicine and Hospital Epidemiology, Hugstetterstrasse 55, D-79 106 Freiburg | +761/270-5464 -5475 (secretary) | -5485,-5440 | Klaus.Kuemmerer@uniklinik- freiburg.de http://www.ukl.uni- freiburg.de/iuwkrahomed.htm | since 1993, research on antibiotics, cytotoxics, diagnostics, disinfectants; amounts emitted (including hospitals); biodegradability and environmental fate/chemistry, effects on environmental bacteria; some analytics and risk assessment. |
| Laenge | Reinhard | Schering AG, Research Laboratories, D-13342 Berlin, GERMANY | +49 30 4681 5328 | +49 30 4681 5091 | reinhard.laenge@schering.de www.schering.de (corporate info only) | endocrine disruptors, pharmaceuticals in the environment with a focus on hormones |
| Larsson | Joakim | Assistant Professor, Department of Physiology/Endocrinology, Göteborg University Box 434, SE-405 30, Göteborg, Sweden | +46-31-7733589 mobile phone: +46-709-621068 home: +46-302-15590 | +46-31-7733531 | joakim.larsson@fysiologi.gu.se www.physiology.gu.se/endo/ | development of fingerprint biomarkers in fish using microarrays, proteomics and metabonomics |
| Leonards | Pim E.G. | Netherlands Institute for Fisheries Research, P.O. Box 68, NL-1970, AB IJmuiden, The Netherlands | | +31-255-564644 | pim@rivo.wag-ur.nl | musks |
| Leiker | Thomas | U.S. Geological Survey, National Water Quality Laboratory, P.O. Box 25608, Denver Federal Center, Bldg 95, MS 407, Denver, CO 80225-0608 | 303-236-3955 | 303-236-3499 | tjleiker@usgs.gov | low and high resolution mass spectrometry, electron ionization, electron-capture negative ionization, endocrine disruption, new and novel environmental contaminants |
| Lindberg | Richard | Department of Chemistry, Environmental Chemistry, Umeå University, SE-901 87 Umeå, Sweden | +46 90 786 66 69 | +46 90 18 61 95 | richard.lindberg@chem.umu.se | pharmaceuticals in the environment, fate and behavior, environmental risk assessment, analytical chemistry, wastewater treatment |
| McArdell | Crista S. | Swiss Federal Institute for Environmental Sciences and Technology (EAWAG), Dept. Chemical Pollutants, Ueberlandstrasse 133, CH-8600 Duebendorf, SWITZERLAND | +41 1 823 5483 | +41 1 823-5028 | mcardell@eawag.ch http://www.eawag.ch | antibiotics, wastewater treatment, analytical chemistry, fate and behavior |
| McQuillan | Dennis | | | | Dennis_McQuillan@nmenv.state.nm.us http://www.nmenv.state.nm.us/gwb/ DrugResSurv.html | http://www.nmenv.state.nm.us/gwb/drugs.html |
| MetCalfe | Chris | Environmental and Resource Studies Trent University, Peterborough, ON, K9J 7B8 CANADA | (705) 748-1272 | (705) 748-1569 | cmetcalfe@trentu.ca | |

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|-----------|-----------------|--|------------------------|------------------|---|---|
| Meyer | John | Scientific Laboratory Division, New Mexico Department of Health, P.O. Box 4700, Albuquerque NM 87196-4700 | | | jlmeyer@state.nm.us | |
| Meyer | Michael T. | Research Hydrologist, Organic Geochemistry Research Laboratory, 4821 Quail Crest Place, Lawrence, Kansas 66049 | (785) 832-3544 | (785) 832-3500 | mmeyer@usgs.gov | Analysis, fate, and, transport of pharmaceuticals and herbicide metabolites |
| Migliore | Luciana | Dipartimento di Biologia, Universit a Tor Vergata, Via della Ricerca Scienti@ca, I-00133 Roma, Italy | 39-06-72595984/8 | +39-06-72595955. | luciana.migliore@uniroma2.it | Antibiotics: environmental effects; aquaculture |
| Mills | David | Director, Scientific Laboratory Division, New Mexico Department of Health, P.O. Box 4700, Albuquerque NM 87196-4700 | (505) 841-2500 | (505) 841-2543 | dmills@sld.state.nm.us www.sld.state.nm.us | antibiotics and other pharmaceuticals in surface water http://www.nmenv.state.nm.us/gwb/drugs.html |
| Möhle | Edda | Diplom-Chemist Fraunhofer-Institute for Environmental, Saftey and Energy Technology UMSICHT Osterfelderstr. 3 D-46047 Oberhausen | 0208 8598-231 | 0208 8598-290 | edda.moehle@umsicht.fhg.de http://www.uni-stuttgart.de/siwa/ch/mitarbeiter/em.htm | analysis of organic pollutants with GC and HPLC in combination with MS and MS- MS detection |
| Moon | Thomas (Tom) | Professor, Dept of Biology, University of Ottawa, P.O. Box 450, Stn A, Ottawa, ON Canada K1N 6N5 | 613-562-5800, x6002 | 613-562-5486 | tmoon@uottawa.ca | pharmaceuticals, lipid lowering drugs, fish metabolism, enzymes, molecular biology, endocrine disruption, affects assessment |
| Mottaleb | Mohammad A. | Research Associate, Department of Chemistry and Biochemistry, Baylor University, P.O. Box 97348, Waco, TX 76798-7348 | 254-710-4942 | 254-710-4272 | Mohammad_Mottaleb@Baylor.edu | Analytical and environmental chemistry, persistent personal care products, and neutral drugs and their metabolites in influentes, effluents, and aquatic organisms |
| Mueller | Stephan | Swiss Federal Institute for Environmental Science and Technology, Ueberlandstrasse 133, CH-8600 Duebendorf, Switzerland | +41-1-823 5460 | +41-1-823 5471 | stephan.mueller@eawag.ch | Fate and behavior of pharmaceuticals in the environment |
| Oemwengie | Lantis | Research Chemist, Environmental Chemistry Branch Environmental Sciences Division, National Exposure Research Laboratory, U.S. EPA, 944 East Harmon Ave. Las Vegas, NV 89119 | 702-798-2513 | 702-798-2142 | osemwengie.lantis@epa.gov | environmental chemistry of synthetic musks; ultra-trace analysis of musks. |
| Pedersen | Joel | Molecular and Environmental Toxicology Center and Soil Science Department, University of Wisconsin - Madison, 1525 Observatory Drive, Madison, WI 53706- 1299 | 608/263-4971 | 608/265-2595 | joelpedersen@facstaff.wisc.edu | fate of pharmaceuticals in the environment; environmental organic chemistry; fate, effects of antibiotics and other pharmaceuticals; role of natural organic matter in contaminant transport/bioavailability |

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|-----------|------------|--|------------------|------------------|---|---|
| Qiang | Zhimin | Environmental Research Center, Dept. Civil, Architectural & Environmental Engineering, University of Missouri - Rolla, 226 Butler-Carlton Hall, Rolla, MO 65409 | 573-341-4201 | 573-341-4729 | qiangz@umr.edu www.umr.edu/~environ | chemistry and control of antibiotics and EDCs in drinking water and wastewater treatment; stopped flow, LC/MS, and GC/MS |
| Rimkus | Gerhard G. | Department of Residue and Contamination Analysis, Official Food and Veterinary Institute (LVUA), Schleswig-Holstein, P.O. Box 2743, D-24517, Neumünster, Germany | +49-4321-904658 | +49-4321-904619 | Gerhard.Rimkus@lvua-sh.de | analysis of food and biota samples for organic pollutants, synthetic musks, brominated flame retardants, new chemicals, chiral compounds, TBT, POPs, halogenated compounds. Mmonitoring studies, bioaccumulation, degradation/metabolism of organic pollutants in human samples |
| Roberts | A. Lynn | Associate Professor Geography and Environmental Engineering, 313 Ames Hall, The Johns Hopkins University 3400 N. Charles St., Baltimore, MD 21218-2686 | (410) 516-4387 | (410) 516-8996 | lroberts@jhu.edu http://www.jhu.edu/~dogee/roberts.html | environmental organic chemistry; organic contaminant fate and transport; PPCP biodegradation; abiotic hydrolysis reactions; environmental analytical chemistry. EPA STAR grant: "Pharmaceuticals and Antiseptics: Occurrence and Fate in Drinking Water, Sewage Treatment Facilities, and Coastal Waters" |
| Römbke | Jörg | ECT Oekotoxikologie GmbH, Böttgerstr. 2-14, D-65439 Flörsheim/Main, GERMANY | +49 6145 956450 | +49 6154 956499 | j-roembke@ect.de http://www.ect.de | Ecotoxicology, effect tests, environmental fate, field studies, environmental risk assessment |
| Sacher | Frank | DVGW Technologiezentrum Wasser, Karlsruherstr.84, D-76139 Karlsruhe, GERMANY | +49 721 9678 156 | +49 721 9678 104 | Sacher@tzw.de www.tzw.de | PPCPs in the aquatic environment, development of analytical methods, drinking water production |
| Salvito | Daniel | Research Institute for Fragrance Materials, Two University Plaza, Suite 406, Hackensack, NJ 07601 | (201) 488-5527 | (201) 488-5594 | salvito@rifm.org | |
| Sanderson | Hans | Director, Environmental Safety, US Soap & Detergent Association, 1500 K Street NW, Suite 300, Washington DC 20005 | 202-662-2516 | 202-347-4110 | hsanderson@sdaq.org | Pharmaceuticals: Ecological risk assessment and management; ecosystem effects in 12,000L microcosms; transportation and fate of run-off from cattle operations; terrestrial field plots; antibiotics; SSRI's; development of chronic and indirect effect assessment methods; Precautionary Principle (Chair or SETAC PP workgroup). |

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| Sarmah | Ajit K | Research Scientist, Ph.D. Soil Processes & Groundwater Protection Programme (Ecosystem Processes and Environmental Quality) Landcare Research NZ Ltd. Private Bag 3127, Hamilton New Zealand | +64 7 8583737 | +64 7 8584964 | sarmahA@Landcareresearch.co.nz | Environmental organic chemistry, soil hydrology. Fate & transport of EDC's including veterinary medicines (growth promoters) in soil-water systems. NZ FRST grant to study retention-release characteristics of natural and synthetic estrogens in soil-sediments as influenced by organic matter, humic substances, and clay-complexes. |
| Scheytt | Traugott | Institute of Applied Geosciences II, Technical University Berlin, Hydrogeology Department Berlin, Germany | ++ 49 30 314 72417 | ++ 49 30 314 25674 | traugott.scheytt@TU-Berlin.DE http://gp8.bg.tu-berlin.de/hydro/ | pharmaceuticals in groundwater: transport, mobility, persistence, and degradation of pharmaceuticals; field and lab experiments concerning pharmaceuticals in groundwater |
| Schlenk | Daniel | Professor Aquatic Ecotoxicology, 2268 Geology, Department of Environmental Sciences, University of California, Riverside, CA 92521 | 909-787-2018 | 909-787-3993 | daniel.schlenk@ucr.edu http://envisci.ucr.edu/faculty/schlenk/default.htm | ecotoxicology of steroidal, beta adrenergic, and retinoid agents in aquatic/marine systems |
| Schwartz | Stefan | Institute of Environmental Systems Research, University of Osnabrück, D-49069, Osnabrück Germany | | +49-541-9692599 | schwartz@uos.de | musks |
| Scherrell | Ken | Scientific Laboratory Division, New Mexico Department of Health, P.O. Box 4700, Albuquerque NM 87196-4700 | | | ksherrell@state.nm.us | |
| Sedlak | David | Civil & Environmental Engineering, 609 Davis Hall, MC 1710, University of California, Berkeley, CA 94720-1710 | (510) 643-0256 | | sedlak@ce.berkeley.edu http://www.ce.berkeley.edu/~sedlak/ http://www.ce.berkeley.edu/~sedlak/PhA-Cs.html | Estrogenic hormones in wastewater effluent |
| Servos | Mark | National Water Research Institute, Environment Canada, 867 Lakeshore Road, Burlington, Ontario L7R 4A6 Canada | 905-336-4778 | | mark.servos@CCIW.CA Mark.Servos@ec.gc.ca | |
| Silberhorn | Eric | U.S. FDA, Center for Veterinary Medicine, 7500 Standish Place, Rockville, MD 20855 | 301-827-0187 | | eric.silberhorn@fda.gov http://www.fda.gov/cvm/efoi/ea/ea.htm | environmental safety review of veterinary medicines at the U.S. Food and Drug Administration |

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| Singer | Heinz | Swiss Federal Institute for Environmental Science and Technology, Ueberlandstrasse 133, CH-8600 Duebendorf, Switzerland | +41-1-823 5577 | +41-1-823 5471 | heinz.singer@eawag.ch | Fate and behavior of pharmaceuticals/triclosan; analytical chemistry |
| Slanina | Premysl | National Food Administration, P.O. Box 622, SE-75126, Uppsala, Sweden | | +46-18-105848 | prsl@slv.se | musks |
| Smital | Tvrtko | Laboratory for Molecular Ecotoxicology, Center for Marine and Environmental Research, Ruđer Bošković Institute, Bijenička 54, 10 001 Zagreb, CROATIA | 385 1 45 61 088 | 385 1 46 80 243 | smital@rudjer.irb.hr | Environmental toxicology: metabolic pathways of mutagenic/carcinogenic substances in water; determination of mixed function monooxygenases (MFO) activity in fish (as biomarkers of exposure); investigation of presence/function of multixenobiotic resistance (MXR) mechanism in aquatic organisms; development of in vitro/in vivo methods for determination of MXR inhibitors in environmental samples. Methods: enzymatic analysis; Ames genotoxicity test; cell culture technique; in vivo measurement of protein transport activity accumulation/efflux of model substrates in/from exposed aquatic specimens) |
| Snyder | Shane | Research and Development Project Manager, Southern Nevada Water Authority, 1350 Richard Bunker Ave., Henderson, NV 89015 Adj. Assoc. Prof. Chemistry Department, University of Nevada - Las Vegas | (702) 856-3668 | (702) 856-3647 | shane.snyder@snwa.com www.lvwd.com | |
| Socha | Adam C. | Team Leader/Co-ordinator, "Best in Science" Program, Environmental Innovations and Emerging Sciences Branch, Ontario Ministry of the Environment, 40 St. Clair Ave. West, 14th Floor, Toronto ON M4V 1M2 | (416) 314-9805 | (416) 314-0251 | socha@ene.gov.on.ca | Human health risk assessment of PPCPs in drinking water; standards development for PPCPs in surface water, ground water and drinking water; treatment of drinking water to remove PPCPs |

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| Solomon | Keith | Director, Ph.D University of Guelph, Centre for Toxicology, Bovey Bldg., Guelph, ON, N1G 2W1, Canada | +1-519-824-4120 ext. 58792 | +1-519-837-3861 | ksolomon@uoguelph.ca | Pharmaceuticals: Ecological risk assessment and management; ecosystem effects in 12,000L microcosms; transportation and fate of run-off from cattle operations; terrestrial field plots; antibiotics; SSRI's; development of chronic and indirect effect assessment methods. |
| Sommer | Cornelia | Official Food and Veterinary Institute (LVUA), Schleswig-Holstein, Eckernförder Str. 421, D-24107, Kiel, Germany | | +49-431-3193721 | | musks |
| Sovocool | G. Wayne | Research Chemist, Environmental Chemistry Branch Environmental Sciences Division, National Exposure Research Laboratory, U.S. EPA, 944 East Harmon Ave. Las Vegas, NV 89119 | 702-798-2212 | 702-798-2142 | sovocool.wayne@epa.gov http://www.epa.gov/nerlesd1/chemistry/ ecb-posters2.htm | environmental forensics using interpretive mass spectrometry for identification of problematic unknowns |
| Spencer | Peter | Director of the Center for Research on Occupational and Environmental Toxicology, Oregon Health Sciences University (OHSU), 3181 SW Sam Jackson Park Road L606, Portland, Oregon 97201-3098 | 503-494-4273 | 503-494-4278 | via: croetweb@ohsu.edu http://www.ohsu.edu/croet/spencer.html | synthetic musks |
| Steger- Hartmann | Thomas | Schering AG, Research Laboratories, D-13342 Berlin, GERMANY | +49 30 4681 4256 | +49 30 4681 5091 | thomas.stegerhartmann@schering.de www.schering.de (corporate info only) | pharmaceuticals in the environment with a focus on X-ray contrast media |
| Steinberg | P. | Chair of Nutritional Toxicology, University of Potsdam, Arthur-Scheunert-Allee 114-116, 14558 Bergholz- Rehbrücke, Germany | +49-33200-88301 | +49-33200-88541 | steinber@rz.uni-potsdam.de | synthetic musks |
| Ternes | Thomas | Federal Institute of Hydrology, P.O. Box 200253, D-56068 Koblenz, Am Mainzer Tor 1, Germany | +49 261-1306 | +4926113065363 | ternes@bafg.de | analysis of PPCPs, fate, behavior and metabolism in sewage treatment and drinking water treatment |
| Thiele-Bruhn | Sören | Institut f. Bodenkunde & Pflanzenernährung, Universität Rostock, Justus-von-Liebig-Weg 6, D- 18051 Rostock, Germany | +49 (0)381/498- 2160 | +49 (0)381/498 - 2159 | soeren.thiele@auf.uni-rostock.de | Input & fate of antibiotics in soils. Especially tetracyclines, sulfonamides & fenbendazole; sorption, photodegradation and aging of antibiotics and their effects on soil microbial activity. |
| Tysklind | Mats | Department of Chemistry, Environmental Chemistry, Umeå University, SE-901 87 Umeå, Sweden. | +46 90 786 66 68 | +46 90 12 81 33 | mats.tysklind@chem.umu.se www.chem.umu.se/dep/envichem | Transport and fate of pharmaceuticals, analytical methods, physico-chemical properties, PBT-criteria, QSARs, environmental risk assessment. |

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| Velagaleti | Ranga | Manager, Laboratory and Stability Operations, Quality Control, BASF Corporation, 8800 Line Avenue, Shreveport, LA 71136 | (318) 861-8040 | (318)861-8004 | velagar1@basf-corp.com velagaleti@aol.com | Analytical Chemistry, Pharmaceuticals, Quality Control, Production, and Disposal and Environmental Behavior, Pharmaceutical Regulations |
| Webber | Keith | Center for Drug Evaluation and Research, Food and Drug Administration (HFD-121), 5600 Fishers Lane, Rockville, MD 20852 | 301-443-5125 | 301-443-5234 | webber@cder.fda.gov | environmental safety review of human medicines at the U.S. Food and Drug Administration |
| Weigel | Stefan | University of Hamburg, Institute of Organic Chemistry Martin-Luther-King-Platz 6, 20146 Hamburg, Germany | xx49-40-428383155 | xx49-40-428382893 | weigel@chemie.uni-hamburg.de http://www.chemie.uni-hamburg.de/oc/hfuss/stefan.html | pharmaceuticals in marine environments |
| Weinberg | Howard S | Research Asst. Professor Dept. of Env. Science and Engineering, Univ. of North Carolina at Chapel Hill, CB 7400 Rosenau Hall Chapel Hill, NC 27599-7400 | 919-966-3859 | 919-966-7911 | howard_weinberg@unc.edu | EPA STAR grant: "Impact of Residual Pharmaceutical Agents and Their Metabolites in Wastewater Effluents on Downstream Drinking Water Treatment Facilities" |
| Wilkison | Donald H. | Hydrologist, USGS, 401 NW Capital Drive, Lee's Summit, MO 64086 | 816-525-7543 | 816-554-9273 | wilkison@usgs.gov | pharmaceuticals, surface water, wastewater indicator compounds |
| Zeeman | Maurice | U.S. EPA; Office of Pollution Prevention and Toxics (OPPT), Risk Assessment Division, 1200 Pennsylvania Ave, NW; Washington, DC 20460 | 202-564-7617 | 202-564-7440 | zeeman.maurice@epa.gov/ | Ecotoxicology and risk assessment of pharmaceuticals; as well as use of QSAR for assessment of ecotoxicity of pharmaceuticals. |
| Zuccato | Ettore | Department of Environmental Health Sciences, Mario Negri Institute for Pharmacological Research, 20157 Milan, Italy | ++39 2 39014544 | ++39 2 39001916 | zuccato@marionegri.it http://www.irfmm.nmegri.it/ | Environmental loads, environmental monitoring, human health effects, risk assessment |
| MISC contractors | | "Ecotoxicological Assessments and Removal Technologies for Pharmaceuticals in Wastewaters" | | | http://cds.unina.it/~rmarotta/europe6.html http://cds.unina.it/~rmarotta/index.html | Project supported by grant from European Commission in the framework of the program "Environment and Sustainable Development - KA1, Sustainable Management and Quality of Water " |